

If I Had a Hammer

Facilitated Program

Here's a way to put core subjects like math and language arts to work in a hands-on and downright entertaining way. "If I Had a Hammer" is a problem-solver's delight as groups of students work together to construct an 8-by-11-foot house inside Henry Ford Museum®. This interdisciplinary program seamlessly weaves in communication skills and STEM concepts, including environmental resources and simple machines. Team building is a must as students discover just how essential those subjects can be when they're applied to a real-world challenge.

Educational programs at The Henry Ford are closely aligned to standards and grade level content expectations in social studies, language arts, science and math. Curriculum connection information on the "If I Had a Hammer" program is listed below.

Common Core State Standards Mathematics

4 - 4.MD.3
5 - 5.NBT.5
6 - 6.RP.3.b, 6.NS.3
7 - 7.NS.3, 7.G.6

Common Core State Standards English Language Arts

4 - SL.4.1, SL.4.2, L.4.6
5 - SL.5.1, SL.5.2, L.5.6
6 - SL.6.1, SL.6.2, L.6.6
7 - SL.7.1, SL.7.2, L.7.6

National Principles and Standards for School Mathematics

Number and Operation, Measurement, Problem Solving, Communication, Connections

National Science Education Standards

Science in Personal and Social Perspectives

National Career and Employability Skills Standards

1, 5, 6, 7

Michigan Math Grade Level Content Expectations

4 - NFL.04.08, NFL.04.34, NFL.04.36, MUN.04.01
5 - NFL.05.05

Michigan ELA Grade Level Content Expectations

4 - LCN.04.01, LCN.04.02
5 - LCN.05.02
6 - LCN.06.02

Michigan Science Grade Level Content Expectations

4 - S.IPO.4.14, S.IPO.4.15

Cub Scouting Core Values

Positive Attitude, Resourcefulness, Respect, Perseverance, Cooperation

Girl Scouts Transforming Leadership Outcomes

D1, D3, D5, D4, C1, C2, C3, C5, T2

Location: Henry Ford Museum

Offered: September 2012-June 2013 and September 2013-mid-December 2013

Program Length: 2 hours

Fee: \$14.50, includes museum admission

Online Resources: Teacher Guide